



Continuity of Command & Control

For Essential Workers in a Confined Space

ADAPTING TO A PANDEMIC ENVIRONMENT

Ross & Baruzzini | Macro enjoys industry-wide recognition as a systems engineering consultancy firm proudly serving public transportation providers, public safety agencies, utilities, and similar services-oriented companies. Our projects focus on assisting clients with determining appropriate technology, supporting infrastructure and real-time systems, designed to optimize service operations, safety and security.

We specialize in the planning, design and engineering of state-of-the-art command and control, communications and information systems. Our expertise extends to all phases of a project's life cycle—from planning and design to procurement assistance, implementation oversight, construction management, commissioning/testing, and quality assurance.

Is Your Business...

Adapting existing environments?

Leveraging additional rooms in the same building and/or rotating shifts?

Leveraging backup control center?

Ross & Baruzzini | Macro offers advice on progressive steps to help your business address these questions.

STEP 1



Designate POCs for COVID-19 concerns



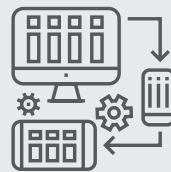
Implement cleaning audits and disinfection protocols



Determine policy for personal protective equipment (PPE)



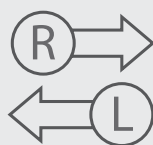
Review/create continuity of operations documents



Review HR policy changes due to COVID-19



Evaluate procurement rules for escalation of purchases



Establish "one-way" routes minimizing contact



Establish 'no visitor' policy for control center



Review HVAC to address circulation

Let's connect and have a conversation about your needs so we can share our experience and advice. Please contact Megan Huff at megan.huff@rossbar.com

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STEP 2

Short Term and Cost Effective Solutions

- Rethink work shifts
- Duplicate equipment in different room
- Identify 6-foot radius ranges (put tape around work areas/desks)
- Install plexiglass shields for consoles
- Supply disinfectant wipes to clean personal area
- Use EPA-registered disinfectants
- Use HEPA filtered vacuums when cleaning
- Address multi-use equipment (purchase individual keyboard and mouse/headset)
- Shut-off/tape-off drinking fountains; encourage use of bottle filling stations
- Provide no-touch, lined, disposal receptacles
- Remove all unnecessary doors
- Provide face masks and shields
- Address staff gathering spaces

STEP 3

Long Term and Higher Cost Solutions

- Implement HVAC Ultraviolet Germicidal Irradiation (UVGI) System
- Implement recurring testing through HVAC
- Utilize technologies that encourage hands-free use such as contact-less entry/exit
- Implement capacity monitoring technology
- Convert surfaces to permanent antimicrobial coating
- Install glass separations/partitions for control room staff to interface with operators
- Implement Testing measures – temperature cameras (IR)
- Screen employees, contractors, and visitors for symptoms, maintaining six-foot distancing, through interview/questionnaire and infrared thermometer readings prior to a shift
- Consider providing employees a wristband (or other distinctive item) when they have cleared daily screening process. Worked in accordance with HR policies/procedures and that align with Health Insurance Portability and Accountability Act of 1996 (HIPAA) criteria

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Agencies have relied upon Ross & Baruzzini, T.Y. Lin International and Sam Schwartz for over 60 years to provide guidance and solve some of their most urgent problems. Our affiliated firms stand ready to assist in accommodating the requirements of COVID-19, while protecting employees and riders, and helping their communities come back to work.



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